## CLAIMS

I claim:

1. A jewelry setting/presetting tool comprising:

a bracket assembly including a board-like mounting bracket being adapted to fasten to a bench or the like and having an opening being disposed therethrough from a topside to a bottom side thereof;

a tubular base member being secured in said opening of said board-like mounting bracket and having an open bottom end and an open top end;

a work-piece support member being adjustably fastened in said tubular base member through said open bottom end thereof;

a tool support member being movably disposed in said tubular base member;

a working tool assembly being securely and removably fastened to said tool support member for setting and presetting jewelry; and

a means of moving said tool support member and said working tool assembly in said tubular base member for presetting and setting a stone in the work-piece.

2. A jewelry setting/presetting tool as described in claim 1, wherein said board-like mounting bracket further includes a threaded bore being disposed in an end wall thereof and being disposed in said opening thereof, and also includes bench-mounting holes being disposed therethrough and being adapted to receive fasteners for fastening said board-like mounting bracket to the bench or the like.

3. A jewelry setting/presetting tool as described in claim 2, wherein said bracket assembly also includes an elongate fastening member being threaded through said threaded bore of said board-like mounting bracket and having a threaded shaft and a handle.

4. A jewelry setting/presetting tool as described in claim 3, wherein said tubular base member further has an opening being disposed through a wall thereof, and also has a first longitudinal slot being disposed through said wall and through an upper edge forming said opening of said tubular base member, and further has a second longitudinal slot being disposed through said wall and being diametrically-opposed to said first longitudinal slot.

5. A jewelry setting/presetting tool as described in claim 4, wherein said work-piece support member includes a cylindrical member which is securely engaged with said elongate fastening member in said tubular base member and having an extension wall extending outwardly from a top of said cylindrical member, and also includes a handle member being attached to a bottom of said cylindrical member for moving said cylindrical member in said tubular base member, and further includes a work-piece holder being attached to said extension wall and being spaced above said top of said cylindrical member.

6. A jewelry setting/presetting tool as described in claim 5, wherein said tool support assembly includes a tool support member being movably disposed in an upper portion of said tubular base member, and also includes a locking pin being biasedly disposed through said tool support member and being slidably disposed in said first longitudinal slot of said tubular base member.

7. A jewelry setting/presetting tool as described in claim 6, wherein said tool support member includes a tubular portion and a toothed bar portion being movably disposed through said second longitudinal slot of said tubular base member, said locking pin being disposed through a hole in a wall of said tubular portion of said tool support member.

8. A jewelry setting/presetting tool as described in claim 7, wherein said locking pin includes a shaft, a sleeve being disposed about said shaft, and a collar being disposed about an end of said sleeve.

9. A jewelry setting/presetting tool as described in claim 8, wherein said working tool assembly includes a drill assembly including a drill support member being securely fastened with said locking pin in said tubular portion of said tool support member, and also including a drill having a motor and a rotatable shaft being disposed through said drill support member, and further including a countersink bit being mounted to an end of said rotatable shaft, and also including a power cord being attached to said motor.

10. A jewelry setting/presetting tool as described in claim 9, wherein said drill support member is a cylindrical block having an annular flange being disposed about a top end thereof.

11. A jewelry setting/presetting tool as described in claim 10, wherein said working tool assembly also includes a setting bit support member being securely fastened with said locking pin in said tubular portion of said tool support member, and also

including a shaft being attached to a bottom end of said setting bit support member, and further including a stone setting bit being attached to an end of said shaft for setting a stone in the work-piece.

12. A jewelry setting/presetting tool as described in claim 11, wherein said setting bit support member is a cylindrical block having an annular flange being disposed about a top end thereof.

13. A jewelry setting/presetting tool as described in claim 11, wherein said means of moving said tool support member and said working tool assembly includes a support column being securely mounted upon said board-like mounting bracket, and also includes an axle being rotatably mounted to said support column, and further includes a gear being mounted to said axle for rotation therewith and being engaged to said toothed bar portion of said tool support member, and also includes a lever being mounted to said axle for the rotation of said gear.

14. A jewelry setting/presetting tool as described in claim 13, wherein said support column includes a longitudinal slot disposed in a top end thereof with said axle being journaled through said longitudinal slot and with said gear being rotatably disposed in said longitudinal slot.